

Year 5 Spring Overview

English

> RWI Spelling

> *On the Origin of the Species* by Sabina Radeva

> *Darwin: An Exceptional Voyage* by Fabien Grolleau & Jeremie Royer

Writing Outcomes: Discovery Narrative and Explanation

> *The Ways of the Wolf* by: Smriti Prasadam-Halls

> *The Wolves in the Walls* by Neil Gaiman

Writing Outcomes: Balanced Argument, Information text & Suspense Narrative

Within each of the units, we will learn about a range of sentence styles including those with varied punctuation.

Maths

Multiplication and division

- Multiply 4-digits by 1-digit
- Multiply 2-digits (area Model)
- Multiply 2-digits by 2-digits
- Multiply 3-digits by 2-digits
- Multiply 4-digits by 2-digits
- Multiply 4-digits by 2-digits
- Divide 2-digits by 1-digit
- Divide 2-digits by 1-digit
- Divide 4-digits by 1-digit
- Divide with remainders

Fractions

- Equivalent fractions
- Improper fractions to mixed numbers
- Mixed numbers to improper fractions
- Number sequences

Maths Continued

- Compare and order fractions
- Compare and order fractions
- Add and subtract fractions
- Add fractions within 1
- Add 3 or more fractions
- Add fractions
- Add mixed numbers
- Add mixed numbers
- Subtract fractions
- Subtract mixed numbers
- Subtraction—breaking the whole
- Subtract 2 mixed numbers
- Multiply unit fractions by an integer
- Multiply non-unit fractions by an integer
- Multiply mixed numbers by integers
- Fraction of an amount
- Using fractions as operators

Maths Continued

Decimals

- Decimals up to 2 d.p
- Decimals as fractions
- Decimals ad fractions
- Understand thousandths
- Thousandths as decimals
- Rounding decimals
- Order and compare decimals
- Percentages as fractions and decimals
- Equivalent F.D.P
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Consolidation of previous learning.

Science

Properties of materials

- Explore properties of materials
- Explore thermal conductors and thermal insulators
- Explore the hardness of materials
- Discover materials that are soluble in water.
- Investigate the solubility of materials
- Explore how mixtures can be separated by filtering, sieving, evaporating or magnets

Changes in materials

- Use evaporation to recover solute from a solution
- Recognise and describe reversible changes
- Observe chemical reactions and describe how we know new materials are made
- Investigate rusting reactions
- Investigate burning reactions
- Investigate chemical reactions—acids

RE

> Peace and Community

- What can we learn from people, including religious figures, who resist discrimination and persecution?

Additional enquiry questions

How can we make the world a place of tolerance and respect?

>. Salvation and Resurrection

- Enquiry question
- What did Jesus do to save Human Beings?
- Additional enquiry questions
- How have expressions of worship changed over time? Does worship make people happy?

Computing

> Spreadsheets

- Conversion of measurements
- The count tool
- Formulae including the advanced
- Using Text variables to perform variables
- Calculations
- Event planning with a spreadsheet
- Programs—2Calculate

> Databases

- Searching a database
- Creating a class database
- Creating a topic database
- Programs- Question, 2Investigate

> Game Creator

- Setting the scene
- Creating the game environment
- The game quest
- Finishing and sharing
- Evaluation

History

> What was life like in Tudor England?

- To use different types of evidence to interpret the character of Henry VIII.
- To make deductions about Anne Boleyn from a range of primary and secondary sources. To understand why Henry VIII had many wives.
- To extract evidence from primary sources about the Royal Progresses of Elizabeth I.
- To reconstruct a Royal Progress using a range of primary sources.
- To make deductions about the people in Tudor England using inventories.
- To create a realistic inventory for a person living in Tudor times .

Geography

> Why do Oceans Matter?

- To explain the importance of our oceans.
- To locate and describe the significance of the Great Barrier Reef.
- To explain the impact humans have on coral reefs and oceans.
- To understand ways to keep our oceans healthy and begin planning a fieldwork enquiry.
- To collect data on the types of litter polluting a marine environment.
- To present, analyse and evaluate data collected.

* Visit and workshop at Blue Planet Aquarium March 2024

PSHRE

> One World

- What does it mean to be a global citizen?
- What is global warming?
- How does energy contribute to global warming?
- Why is it important not to waste water?
- What is biodiversity and why is it important?
- How can choices that we make an impact on people across the world?

> Safety First (Health and Wellbeing)

- You are responsible
- What are the risks?
- Making your mind up
- In an emergency
- Home—Safe and sound

Music

Pupils will be partaking in drumming this term and will learn to play musically with increasing confidence and control.

- They will develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.
- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Listen with attention to detail and recall sounds with increasing aural memory
- Improvise and compose music for a range of purposes using the inter-related dimensions of music

Design Technology

> Tudor Houses

Creating a structure for a Tudor person to live in.

- Design a brief
- Evaluate current structure
- Understand the purpose of supporting structures with layers
- Designing a Tudor Structure
- Creating a Tudor Structure
- Evaluating their final product

PE

> Gymnastics

- Use variations in level, direction and pathway, how to combine and link actions, how to relate to a partner and apparatus, when developing sequences.
- Work collaboratively in larger groups, using formations to improve the aesthetics of their performances.
- Receive and provide feedback in order to make improvements on performances.
- Develop performance skills considering the quality and control of their actions.

> Dance

- To use movement to explore and communicate ideas and issues, and their own feelings and thoughts.
- Develop an awareness of the historical and cultural origins of different dances.
- Create and perform their work.
- Provide feedback using the correct dance terminology and will be able to use this feedback to improve their work.
- Pupils will work safely with each other and show respect towards others.

MFL (French)

> Healthy Eating

> Going to the market

> Fruit Salad Recipe

> Clothes